**Sound and Light:**

**Essential Vocabulary**

**Please define and illustrate in color the following terms:**

**Your book will provide the best definition. If you use Dictionary.com – make sure you use the ‘in science’ definition.**

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| **2** | **Written Definition** | | **Use in a Sentence** | **Illustration**  **(Colored)** |
| 1. **Sound (p.498)** |  | |  |  |
| 1. **Amplitude (p.477)** |  | |  |  |
| 1. **Decibel (p.505)** |  | |  |  |
| 1. **Frequency (p.480)** |  | |  |  |
| 1. **Longitudinal Wave (p.475)** |  | |  |  |
| 1. **Rarefactions (p.475)** |  | |  |  |
| 1. **Compressions (p. 475)** |  | |  |  |
| 1. **Wavelength (p.479)** |  | |  |  |
| 1. **Medium**   **(p. 473)** |  | |  |  |
| 1. **Pitch (p.506)** |  | |  |  |
| 1. **Transverse Waves (p.328)** |  | |  |  |
| 1. **Concave lens**   **(p. 578)** |  | |  |  |
| 1. **Concave mirror**   **(p. 573)** |  | |  |  |
| 1. **Convex lens**   **(p. 578)** |  | |  |  |
| 1. **Convex mirror**   **(p. 578)** |  | |  |  |
| 1. **Opaque**   **(p. 570)** |  | |  |  |
| 1. **Photon**   **(p. 537)** |  | |  |  |
| 1. **Plane mirror**   **(p. 572)** |  | |  |  |
| 1. **Reflection**   **(p. 482)** |  | |  |  |
| 1. **Refraction**   **(p. 483)** |  | |  |  |
| 1. **Translucent**   **(p. 570)** |  | |  |  |
| 1. **Transparent**   **(p. 570)** |  | |  |  |
| 1. **Light (p. 544)** |  | |  |  |
| 1. **Electromagnetic Waves (p.390)** | |  |  |  |
| 1. **Electromagnetic Spectrum (p.539)** | |  |  |  |